



00862.022290.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
: Examiner: NYA  
NOBUYUKI HIRAYAMA )  
: Group Art Unit: 2622  
Appln. No.: 09/902,756 )  
: Filed: July 12, 2001 )  
: For: PRINthead, HEAD CARTRIDGE )  
: HAVING THE PRINthead, )  
: PRINTING APPARATUS USING )  
: THE PRINthead, AND )  
: PRINthead ELEMENT )  
SUBSTRATE : February 22, 2002

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MAR 01 2002

Technology Center 2600

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

For the concise explanation of relevance for the Japanese Patent Application Laid-Open No. 9-327914, the Examiner is referred to the discussion starting at page 2, line 20, and ending at page 4, line 8 of the specification, to the corresponding English-language

English-language abstract, and to the counterpart English-language European Patent Application submitted herewith.

For the concise explanation of relevance for the Japanese Patent Applications Laid-Open Nos. 59-123670 and 59-138461, the Examiner is referred to the discussion starting at page 48, line 18, and ending at page 49, line 10 of the specification, and to the corresponding English-language abstracts submitted herewith.

The Examiner's attention is also directed to the following U.S. application:

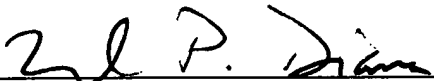
<u>APPLICATION NO.</u>	<u>FILING DATE</u>	<u>GROUP ART UNIT</u>
09/822,193	04/02/01	2853

A copy of the cited U.S. application, as originally filed, is enclosed.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned indicating that such information has been considered.

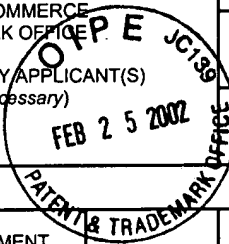
Applicant's undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,

  
Attorney for Applicant

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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO. <b>00862.022290.</b>		APPLICATION NO. <b>09/902,756</b>	
				APPLICANT <b>NOBUYUKI HIRAYAMA</b>			
				FILING DATE <b>July 12, 2001</b>		GROUP <b>2622</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>4,345,262</b>	<b>8/82</b>	<b>Shirato et al.</b>	<b>346</b>	<b>140</b>	<b>RECEIVED</b>
		<b>4,723,129</b>	<b>2/88</b>	<b>Endo et al.</b>	<b>346</b>	<b>1.1</b>	<b>MAR 01 2002</b>
		<b>4,740,796</b>	<b>4/88</b>	<b>Endo et al.</b>	<b>346</b>	<b>1.1</b>	<b>Technology Center 2000</b>
		<b>4,463,359</b>	<b>7/84</b>	<b>Ayata et al.</b>	<b>346</b>	<b>1.1</b>	
		<b>4,313,124</b>	<b>1/82</b>	<b>Hara</b>	<b>346</b>	<b>140 R</b>	
		<b>4,558,333</b>	<b>12/85</b>	<b>Sugitani et al.</b>	<b>346</b>	<b>140 R</b>	
		<b>4,459,600</b>	<b>7/84</b>	<b>Sato et al.</b>	<b>346</b>	<b>140 R</b>	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	<b>JP</b>	<b>9-327914</b>	<b>12/97</b>	<b>Japan</b>			<b>Abstract with counterpart English-language European Patent Application EP811488A2</b>
	<b>EP</b>	<b>811488A2</b>	<b>12/97</b>	<b>Europe</b>			<b>Original document in English language</b>
	<b>JP</b>	<b>59-123670</b>	<b>7/84</b>	<b>Japan</b>			<b>Abstract</b>
	<b>JP</b>	<b>59-138461</b>	<b>8/84</b>	<b>Japan</b>			<b>Abstract</b>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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